LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
Data File : BP009487.D
Acq On : 22 Mar 2022 14:40
Operator : CG/JU
Sample : N1995-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-07-COMP

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009487.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.046	6	10	23	rVB	568025	839857	8.00%	1.030%
2	4.934	325	331	341	rVB	115940	199708	1.90%	0.245%
3	5.399	403	410	433	rBV	4003000	6674258	63.61%	8.189%
4	6.981	671	679	701	rBV	3507419	6677320	63.64%	8.193%
5	7.793	809	817	828	rBV	1170515	2047994	19.52%	2.513%
6	8.946	1001	1013	1033	rBV	2323158	4368010	41.63%	5.359%
7	10.581	1281	1291	1308	rBV	1342133	2662447	25.38%	3.267%
8	13.051	1704	1711	1726	rBV	5055375	8541618	81.41%	10.480%
9	14.157	1892	1899	1908	rBV	102996	192533	1.84%	0.236%
10	14.434	1938	1946	1953	rBV	1956122	3129472	29.83%	3.840%
11	15.934	2194	2201	2225	rBV	3730167	6359928	60.62%	7.803%
12	17.198	2409	2416	2420	rBV	2188292	3431544	32.71%	4.210%
13	17.239	2420	2423	2430	rVV	425194	650000	6.20%	0.798%
14	17.333	2434	2439	2445	rVB	103875	174761	1.67%	0.214%
15	18.075	2560	2565	2567	rBV	80623	126872	1.21%	0.156%
16	18.104	2567	2570	2580	rVB3	361583	671622	6.40%	0.824%
17	18.257	2591	2596	2600	rBV2	123015	222285	2.12%	0.273%
18	19.098	2736	2739	2747	rVB2	53934	107197	1.02%	0.132%
19	19.222	2754	2760	2767	rBV	1183858	1713312	16.33%	2.102%
20	19.363	2779	2784	2789	rVB2	85252	164810	1.57%	0.202%
21	19.575	2811	2820	2829	rBV	1096516	1919563	18.30%	2.355%
22	19.774	2848	2854	2866	rVB	8240067	10491893	100.00%	12.873%
23	20.063	2900	2903	2911	rVB	171368	254819	2.43%	0.313%
24	20.216	2926	2929	2933	rVB2	140386	188856	1.80%	0.232%
25	21.045	3065	3070	3089	rVB7	765949	2099529	20.01%	2.576%
26	21.310	3108	3115	3119	rBV2	3652762	6064811	57.80%	7.441%
27	21.345	3119	3121	3130	rVB	848108	1065495	10.16%	1.307%
28	21.427	3131	3135	3140	rBV	686410	982142	9.36%	1.205%
29	22.686	3346	3349	3363	rVB4	406136	731677	6.97%	0.898%
30	22.986	3394	3400	3410	rBV	830049	2726722	25.99%	3.345%
31	23.604	3500	3505	3514	rVB	681149	1453619	13.85%	1.783%
32	23.710	3517	3523	3530	rVV2	2136562	4569556	43.55%	5.607%

Sum of corrected areas: 81504230

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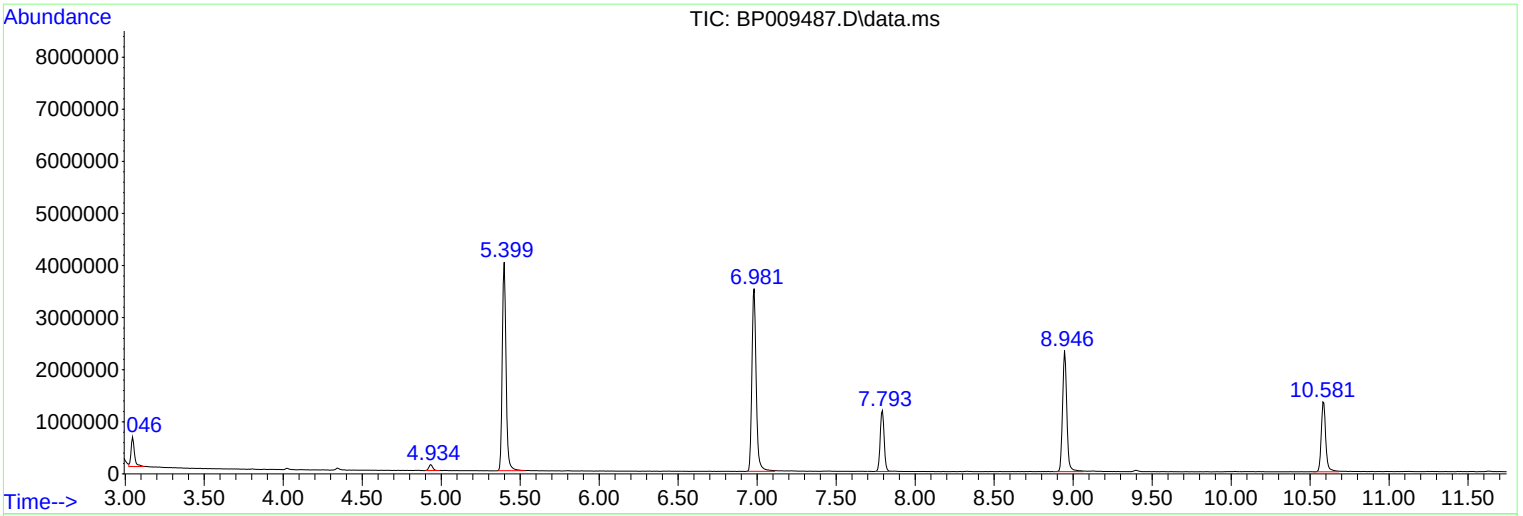
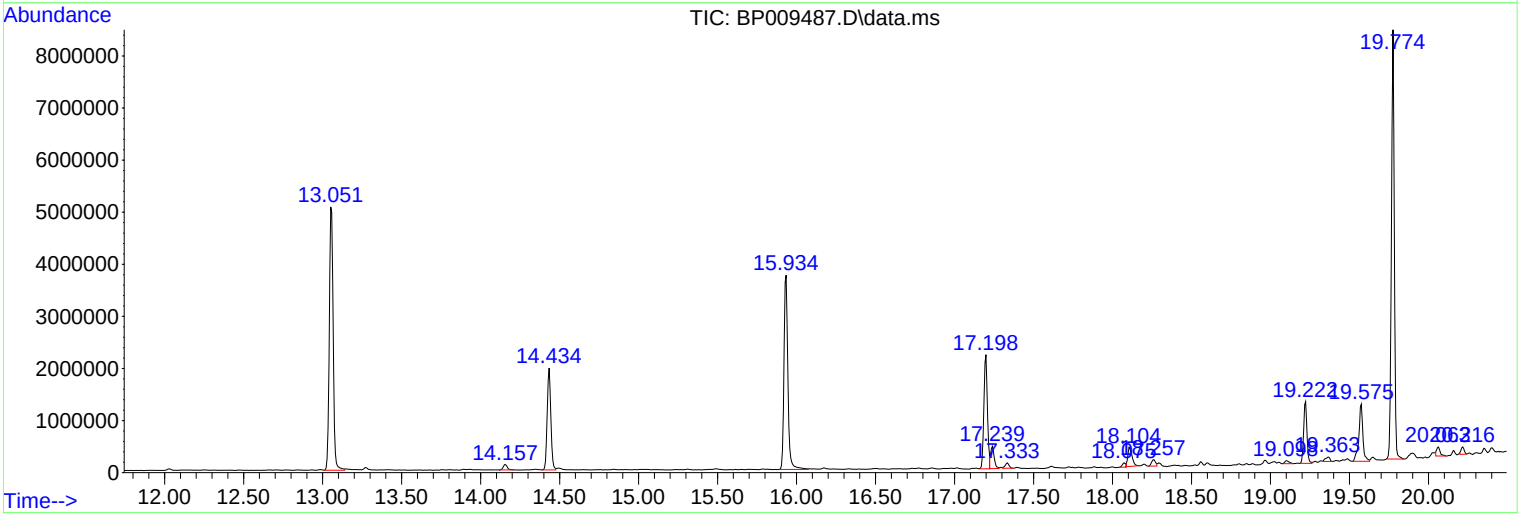
Misc :
ALS Vial : 8 Sample Multiplier: 1

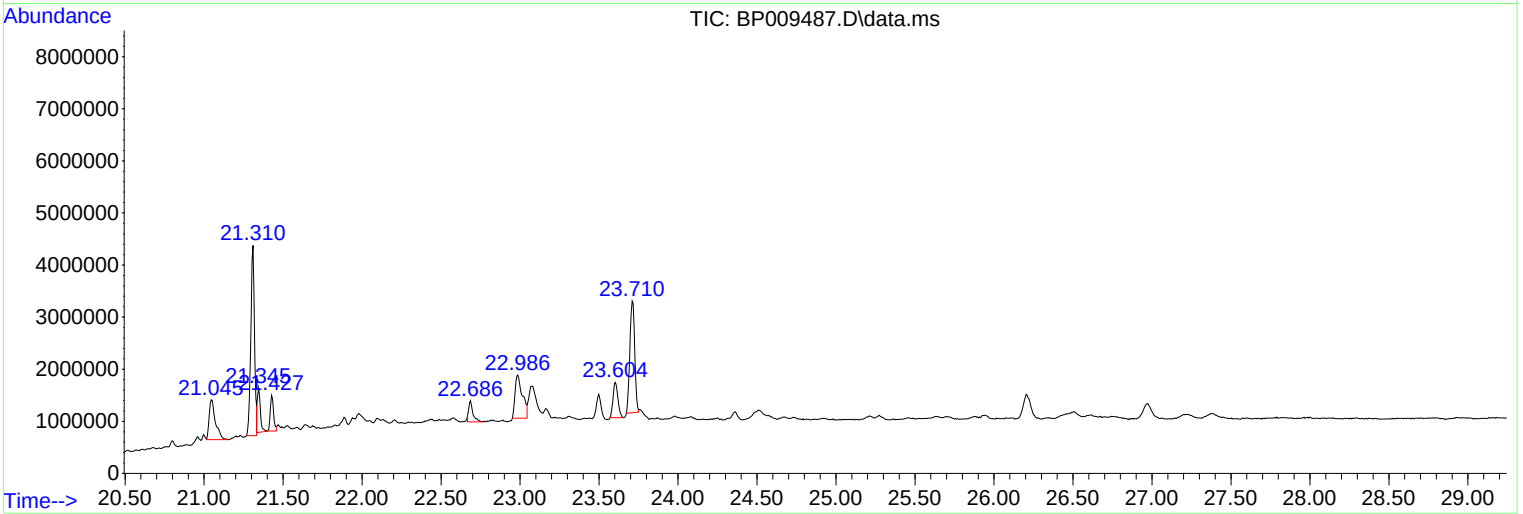
Instrument :
BNA_P
ClientSampleId :
SB-07-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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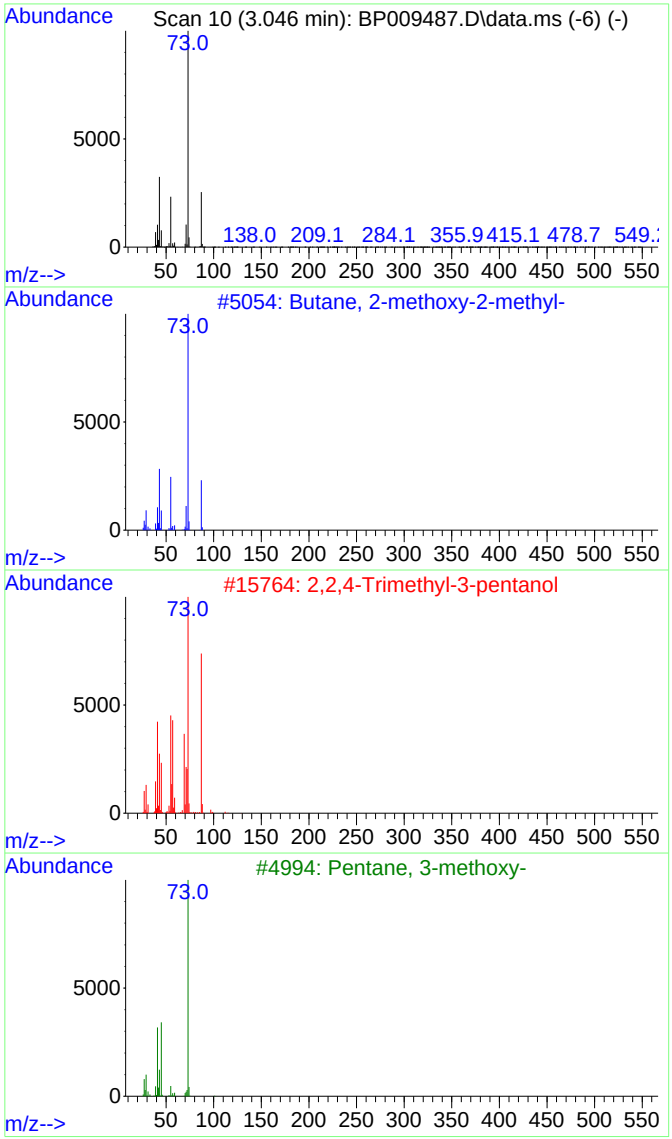
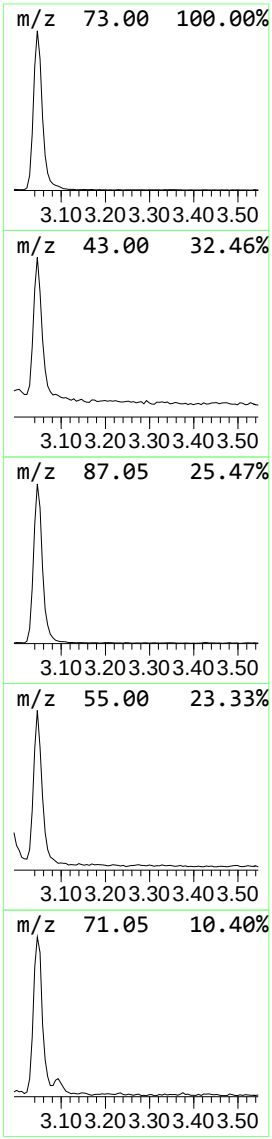
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.046	8.20 ng	839857	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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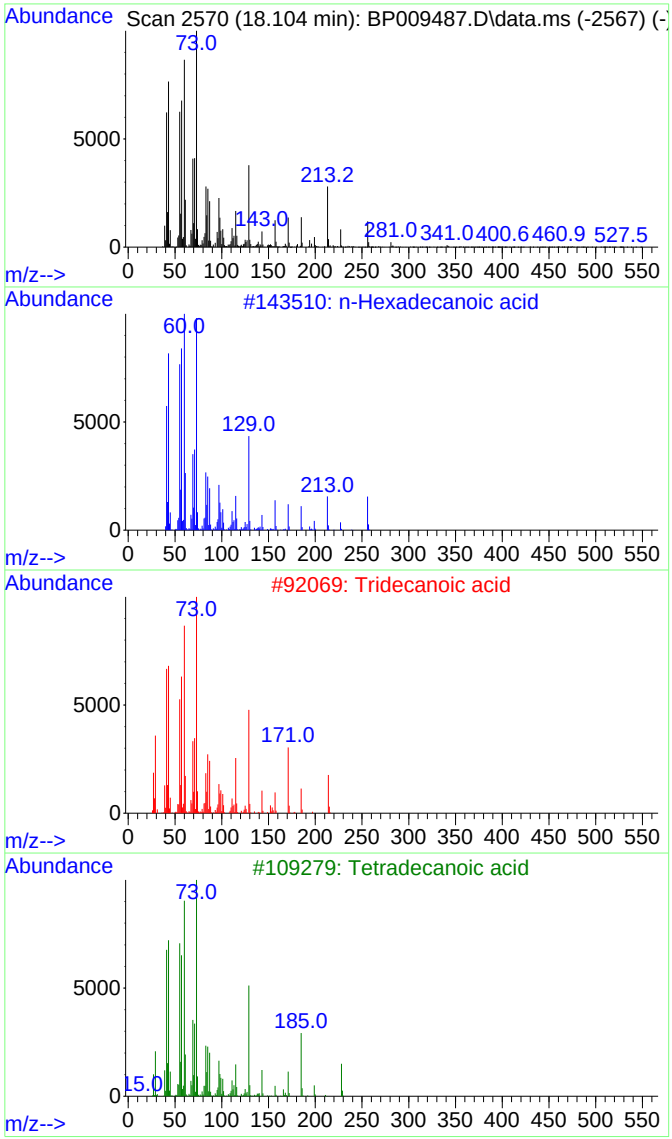
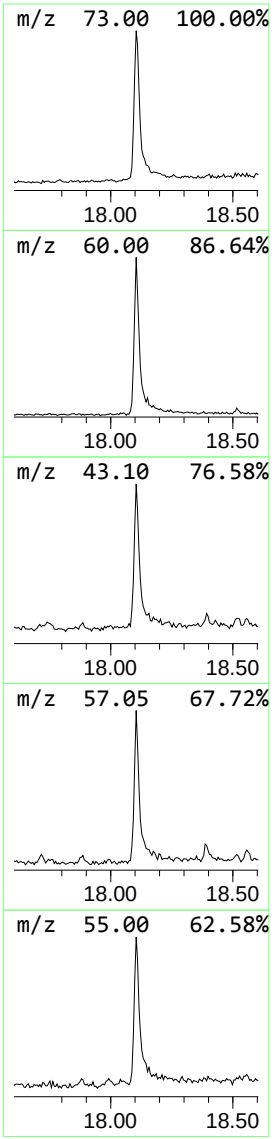
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	3.91 ng	671622	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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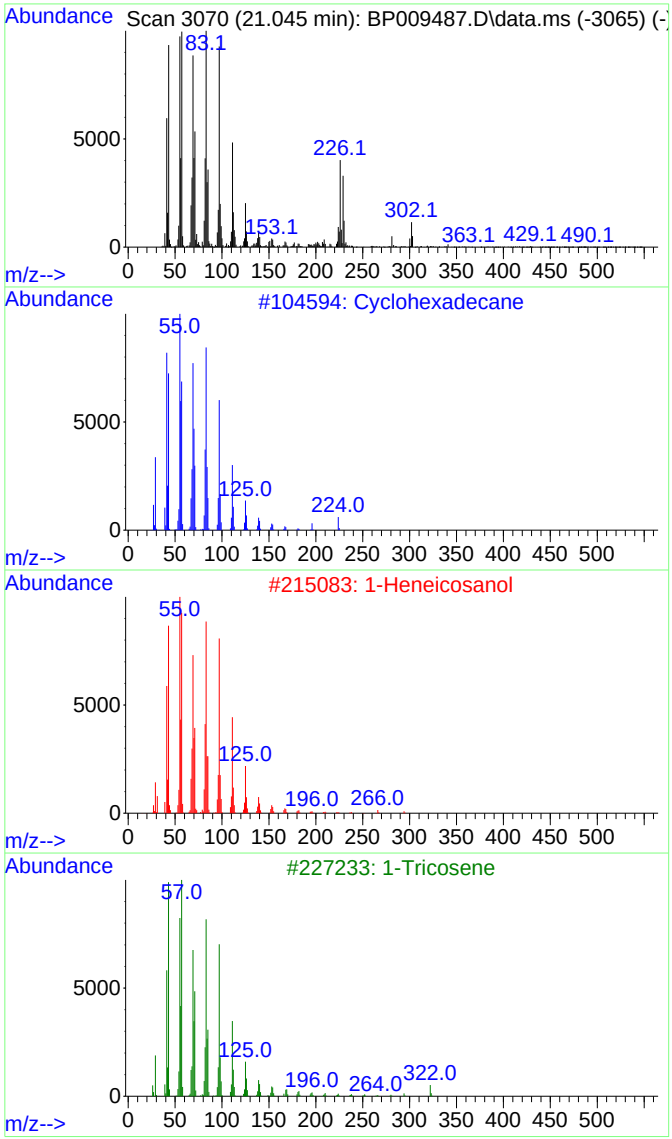
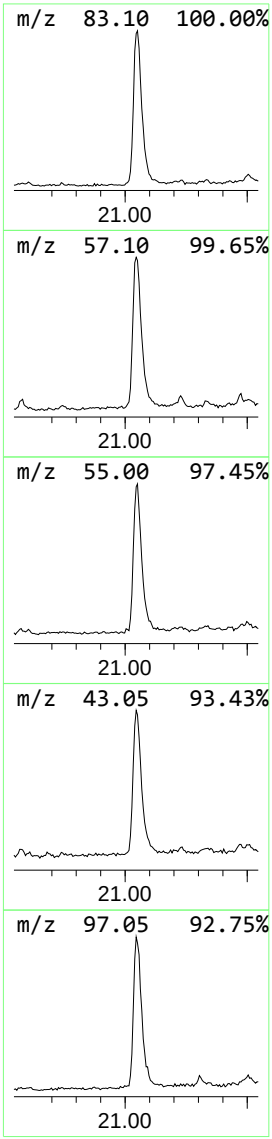
Peak Number 3 Cyclohexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.045	6.92 ng	2099530	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	1-Tricosene	322	C23H46	018835-32-0	90
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	89
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	89





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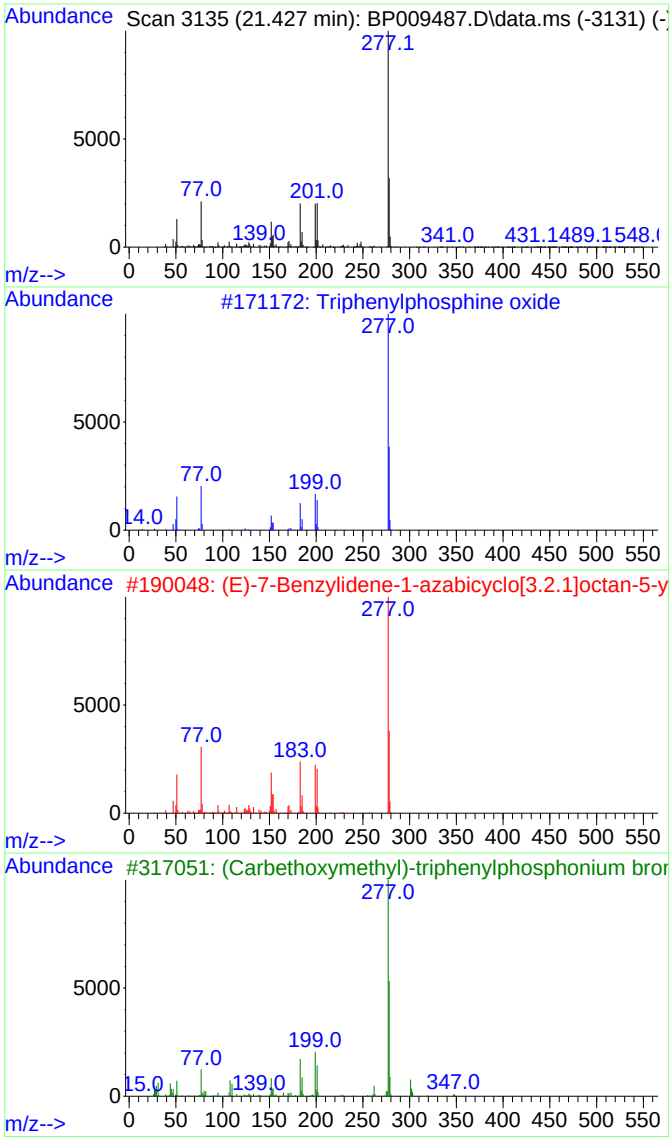
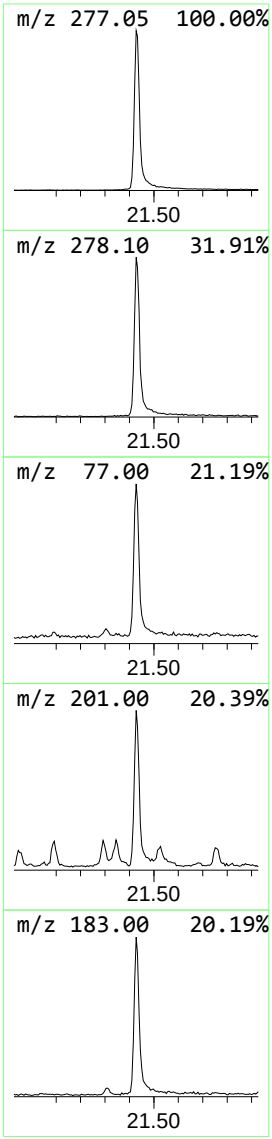
Peak Number 4 Triphenylphosphine oxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.427	3.24 ng	982142	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	90
3	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	50
4	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	50
5	4-Nitro-4'-methyldiphenylsulfone	277	C13H11NO4S	004094-37-5	32





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ALS Vial : 8 Sample Multiplier: 1

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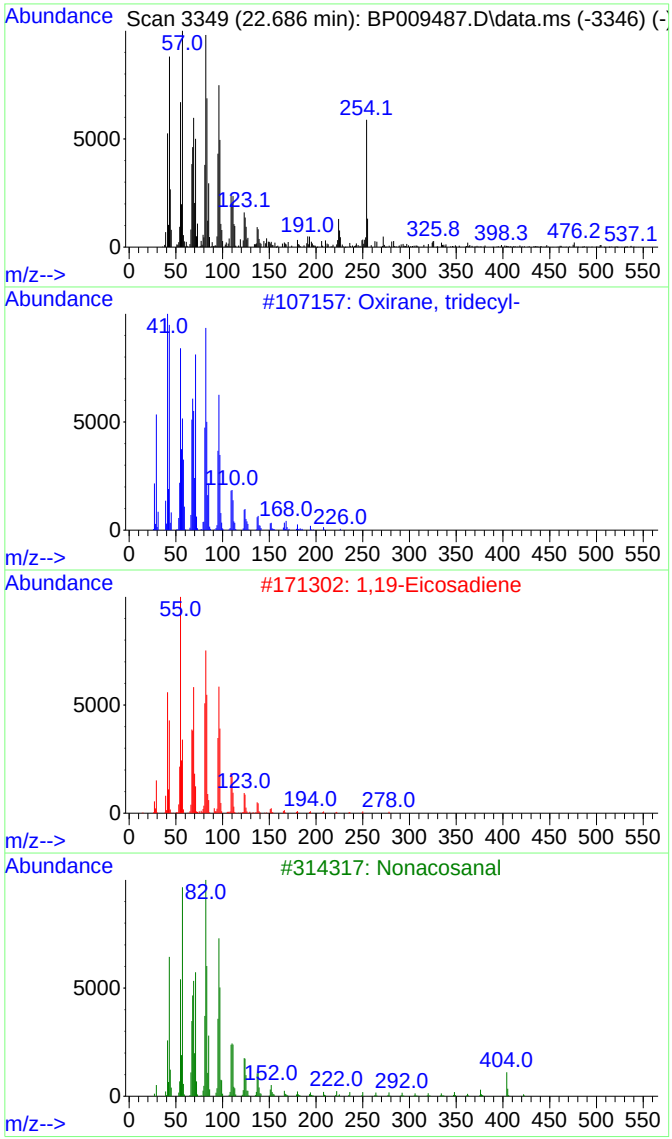
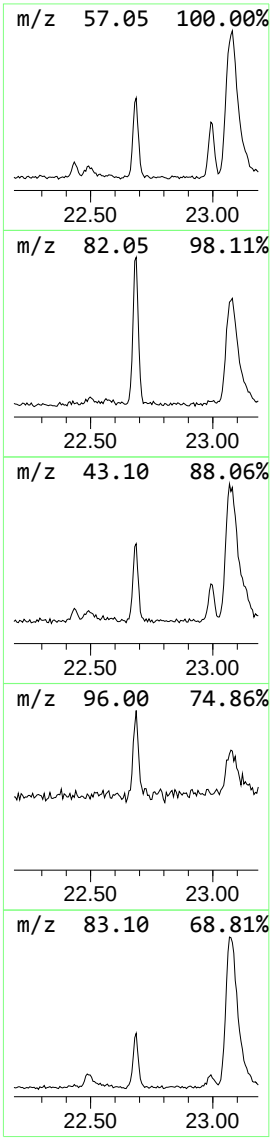
****

Peak Number 5 Oxirane, tridecyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.686	3.20 ng	731677	Perylene-d12	23.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, tridecyl-	226	C15H30O	018633-25-5	96
2	1,19-Eicosadiene	278	C20H38	014811-95-1	93
3	Nonacosanal	422	C29H58O	072934-04-4	90
4	Octadecanal	268	C18H36O	000638-66-4	87
5	Eicosanal-	296	C20H40O	002400-66-0	87





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.046	8.2	ng	839857	1	7.793	2047990	20.0
n-Hexadecanoic ...	18.104	3.9	ng	671622	4	17.198	3431540	20.0
Cyclohexadecane	21.045	6.9	ng	2099530	5	21.310	6064810	20.0
Triphenylphosph...	21.427	3.2	ng	982142	5	21.310	6064810	20.0
Oxirane, tridecyl-	22.686	3.2	ng	731677	6	23.710	4569560	20.0